

## ABSTRACT:

The present invention relates to a data-processing device, particularly a chip card or smart card, and to a method of operating said device, with an integrated circuit comprising a central processing unit (CPU) (10) and one or more co-processors (12). The integrated circuit comprises a control unit (18, 30) which controls the processors, CPU (10) and co-processors (12) in such a way that, in the case of a cryptographic operation, at least two processors perform a cryptographic operation simultaneously and in parallel.

Figure